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AF 06100 (January 2005)  
UNITED STATES AIR FORCE CCAFS/PAFB  
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DIVISION 06 - WOOD AND PLASTICS

SECTION 06100

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AF 06100 (January 2005)  
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SECTION 06100

ROUGH CARPENTRY  
01/05

PART 1 GENERAL

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NOTE: This specification is to provide inserts into  
the NASA Section 06100 ROUGH CARPENTRY calling out  
affirmative procurement requirements for recycled  
materials in plastic lumber, landscaping timbers and  
posts.  
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1.1 REFERENCES

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NOTE: Insert the following references into Subpart  
1.1 REFERENCES, in the appropriate location.  
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ASTM INTERNATIONAL (ASTM)

ASTM D 6108	(2003) Standard Test Method for Compressive Properties of Plastic Lumber and Shapes
ASTM D 6109	(2003) Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastic Lumber
ASTM D 6111	(2003) Standard Test Method for Bulk Density and Specific Gravity of Plastic Lumber and Shapes by Displacement
ASTM D 6112	(1997) Standard Test Methods for Compressive and Flexural Creep and Creep-Rupture of Plastic Lumber and Shapes
ASTM D 6117	(1997) Standard Test Methods for Mechanical Fasteners in Plastic Lumber and Shapes

1.2 SUBMITTALS

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NOTE: If SD-03 Product Data already exist in the  
Submittal Article, add the submittal items below to  
the end of SD-03 Product Data.  
  
If SD-03 Product Data does not exist in the  
Submittal Article, insert the entire paragraph

below, including SD-03 Product Data.

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#### SD-03 Product Data

Manufacturer's data shall be submitted indicating percentage of recycle material in plastic lumber, landscaping timbers and posts to verify affirmative procurement compliance.

Total weight and volume quantities of plastic lumber, landscaping timbers and posts with recycle material shall be submitted.

## PART 2 PRODUCTS

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**NOTE: Insert the subpart below as Subpart 2.1.10 to describe affirmative procurement requirements.**

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### 2.1 Plastic Lumber, Landscaping Timbers and Posts

Plastic Lumber, Landscaping Timbers and Posts are listed in the EPA's Comprehensive Procurement Guidelines (CPG) (<http://www.epa.gov/cpg/>).

EPA's recommended Recovered Materials Content Levels for plastic lumber, landscaping timbers and posts.

Material	Percent Of Post Consumer Materials	Percent Of Total Materials
HDPE	25-100	75-100
Mixed Plastics/Sawdust	50	100
HDPE/Fiberglass	75	95
Other mixed Resins	50-100	95-100

HDPE: High-density polyethylene. A plastic resin used in products and packaging such as milk jugs, detergent bottles, margarine tubs, and garbage containers.

When purchasing plastic lumber, landscaping timbers and posts, purchase these items made with recovered materials when the items meet the applicable specifications and performance requirements listed in paragraph, entitled, "References," of this section, ASTM D 6108, ASTM D 6109, ASTM D 6111, ASTM D 6112 and ASTM D 6117.

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**NOTE: If the Architect/Engineer determines that use of certain materials meeting the CPG content standards and guidelines would result in inadequate competition, do not meet quality/performance specifications, are available at an unreasonable price or are not available within a reasonable time**

frame, the Architect/Engineer may submit to Contracting Officer a written justification and supporting documentation for not procuring designated items containing recovered material using the Recovered Materials Determination Form.

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For informational purposes, a list of known sources for plastic lumber, landscaping timbers and posts using recycled material is provided in the EPA/CPG Supplier database at [http://www.ergweb2.com/cpg4review/user/cpg\\_search.cfm](http://www.ergweb2.com/cpg4review/user/cpg_search.cfm).

Note that the Contractor is not limited to these sources. A product meeting CPG recycle requirements from other sources may be submitted for the Government's approval.

Contractor shall submit recycled material content data for plastic lumber, landscaping timbers and posts indicating compliance with affirmative procurement.

Contractor shall submit total weight and volume quantities of plastic lumber, landscaping timbers and posts with recycle material.

### PART 3 EXECUTION

Not Used

-- End of Section --